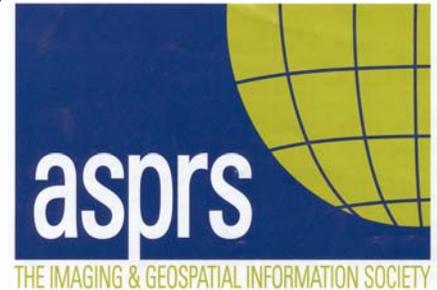

Wavelengths

Columbia River Region



<http://www.asprs.org/ColumbiaRiver>

Volume 2002:4 — December 2002

President's Letter by Margo Blosser

I want to take this opportunity to thank the current CRR Board of Directors for all of the great work that they have done. Chris Aldridge, of Spencer Gross has served as our Vice President. Chris coordinated a very successful educational session for LIDAR and DEM processing in addition to the annual technical exchange. New to the CRR board of directors this year is Bob Harmon, GIS Coordinator for the Water Resources Department. Bob is currently the Secretary and has done a meticulous job of keeping our records up-to-date as well as participating in the Surveying/GIS/Mapping Task force. Our past president Doug Smith, David Smith and Associates, continues to provide us with his wisdom as does Tim Pagh, Spencer Gross, our national director. In addition to our fine Board of Directors, we are fortunate to have Jackie Olson, USGS, creating web magic as our web goddess, the distinguished Ralph Kiefer as Newsletter Editor and the equally distinguished Nancy Tubs, USGS as our Scholarship Chair. Thanks to everyone!

The CRR Board of Directors continues to be active on the Oregon Task force for GIS/Surveying/Mapping and the GIS Certification Committee. No specific actions have been taken for these important issues, but important dialog has taken place between all parties. Thanks to everyone who provided feedback to us regarding the Model Law. I urge our membership to keep tabs on this important issue. Meeting notes from the Oregon task force can be found on the CRR Web site www.asprs.org/columbiariver

The new Board of Directors will officially be installed at our annual region dinner scheduled for February 21 at McMenemy's Edgefield. This year we will have a new structure for the Board of Directors. The incoming Secretary will have a term of three-years and will not rotate to VP and President. The new structure of the Secretary position was changed to reflect the time it takes to learn the duties of this important board position. The incoming Secretary position will be appointed by the current CRR Board of Directors and will not be an elected position. There will be an election next year to fill the Vice Presidents position. Sorry to disappoint everyone but no ballots this year.

In closing I wanted to thank the CRR membership and the CRR board for the opportunity to serve as President, it has been an enriching experience both professionally and personally.

(See p. 5 for additional information on Annual Meeting.)

The National Scene by Tom Pagh, CRR National Director

The fall ASPRS/Pecora conference, held in Denver, CO, had just over 1,000 attendees. As a result, National continues on a sound financial track. The big push is to pay off the headquarters office mortgage by the 2004 Annual Convention. Remember, your local region will match every dollar you contribute to the Building Fund; plus National will match every dollar we send in. So your one-dollar becomes \$4 towards paying down the mortgage. *(See p. 5 for additional information on contributions.)*

Other board highlights:

- USGS and NASA are installing a calibration system for digital cameras in the EROS Data Center
- Work is ongoing at Stennis to do sensor calibration
- ASPRS LiDAR Subcommittee are working on LiDAR standards
- Current pass rate on the Certification test is 53%
- A new "two tier" membership was approved for our Sustaining Members
 - Tier 1 is for firms with 1 – 10 employees
 - Tier 2 is for firms with more than 10
- After two years, Tom Pagh resigned as Chair of the Membership Committee, but will remain active on the committee
- In 2003, production will begin on the "Manual of Photogrammetry, 5th Edition", with completion in time for the 2004 Annual Conference
- The new "Manual of Remote Sensing" should also be finished in time for the 2004 conference

It was noted that the average age of our membership is 55. Our membership has declined from over 8,000 in 1985 to just over 4,000 today. For our society to survive, we need to attract the younger professional. To that end, a new brochure has been prepared and will be aimed at the 35 and under professional in the geospatial information community.

ASPRS is monitoring the progress in each state of the photogrammetrist licensing issue and will be giving updates as they become available.

- Mark your calendars for upcoming ASPRS Conferences
 - o May 5 – 9, 2003, Anchorage
 - o October 25 – 30, 2003, Charleston
 - o Spring 2004, Denver
 - o Fall 2004, Open for suggestions
 - o Spring 2005, Baltimore

Letter from Ofer Heyman 2001-2002 CRR Scholarship Awardee

As the recipient of the Region's graduate student scholarship for 2001-2002, I would like to thank you all for your support, which proved very useful for my research and graduate school journey. I am very proud and honored by your selection and want to take the opportunity to introduce myself and to present my research to our professional community.

My academic background, prior to my current Ph.D. program, includes undergraduate studies in Planetary Sciences and Mathematics, and graduate studies in Atmospheric Sciences, both from Tel Aviv University (TAU) in Israel. My Master's program focused on remote sensing of cloud fields. During my studies at TAU (1989-1997), I was employed by a leading company in aerial photography and mapping, first as Chief Navigator and Photographer and later as Director of the Geographical Applications Department.

In the fall of 1998, I began my doctoral studies in Geographic Information Science at the Department of Geosciences, Oregon State University. During my studies at OSU I also served as a research assistant at NASA's Pacific Northwest Affiliated Research Center (ARC), which works to commercialize remote sensing technologies. My dissertation research expands the ARC project on automatic feature extraction of aspen stands to a more general rule-based system for automatic extraction of natural features from fine-scale remote sensing images. Since no additional budget was allocated for this continuing investigation, the ASPRS CRR scholarship has helped me to cover necessary expenses such as fieldwork and computer maintenance. In the long term, my goal is to pursue a career

in the field of Remote Sensing and GIS. I hope to find a way to combine teaching with solving real world problems regarding the natural environment.

(Editor's Note: If space permits, I hope to include some of Ofer's results in the next issue of this newsletter.)

Columbia River Region 2002-2003 Graduate Student Scholarship

The ASPRS-CRR is pleased to announce the availability of one graduate student scholarship for the 2002-2003 academic year that will consist of a cash award of \$1,000, a one-year student membership in ASPRS, and complimentary conference registration (not including workshops) for GIS in Action 2003.

Applications are invited from graduate students, attending colleges and universities within the Columbia River Region of ASPRS, who are preparing for a career in Photogrammetry, Remote Sensing, Cartography, or Geographic Information Systems. The applicant must be either a U.S. citizen, or a legal resident alien, pursuing a full-time program of study during the 2002-2003 academic year leading to either a Master's or Doctorate degree.

The Scholarship Committee Chair must receive the application by March 3, 2003. The successful recipient will be notified prior to the GIS in Action 2003 Conference, which will be held April 21-23, 2003, in Portland. The scholarship award will be announced at the Conference, and the recipient is encouraged to attend and be recognized for his or her accomplishment.

An announcement of the 2003-2004 scholarship will appear in newsletter 2003:1, to be published in late March 2003.

For further information, see the ASPRS-CRR web site (www.asprs.org/ColumbiaRiver), or contact Nancy Tubbs at: ntubbs@usgs.gov.

High Resolution Satellite Web Sites

IKONOS satellite data:
<http://www.spaceimaging.com>

QuickBird satellite data:
<http://digitalglobe.com>

GIS in Action 2003: The Collaborative Effect, by Cy Smith, Conference Program Chair

For the past eleven years, the Columbia River Region of the American Society for Photogrammetry and Remote Sensing (ASPRS) and the Oregon chapter of the Urban and Regional Information Systems Association (URISA) have collaborated to hold a conference dealing with current issues on Geographic Information Systems (GIS) from a regional perspective. The theme for this year's conference in Portland will be the effect of collaboration on GIS in the region. In the past couple of years, the level of collaboration on GIS initiatives has increased dramatically and the effects have been remarkable.

A full day of training workshops will be presented on Monday, April 21st. The general conference will be held Tuesday, April 22nd, and Wednesday, April 23rd, 2003, and will include many exciting opportunities to see the latest activities and technologies as they are being applied to GIS in our region. The concurrent sessions in the conference this year will continue the interactive methods that were successful last year in generating input and participation from the attendees. The conference organizers will provide an opportunity to leverage and share the knowledge and experience of all the conference attendees.

Everyone in the GIS community shares many of the same problems and issues. This conference presents an opportunity to work on solutions together. Scribes in many of the sessions will capture the ideas and discussion, and threaded forums will be made available at the conference web site immediately to continue the discussion and collaborative problem-solving online over the course of the next year. Online conference registration will be available soon at <http://www.orurisa.org>.

GIS in Action 2003 Conference Overview

<i>MONDAY, April 21, 2003</i>		
TUESDAY, April 22, 2003		
8:30 a.m. - 10:00 a.m. Cascade Ballroom	Opening Session and Key Note Address: TO BE ANNOUNCED	
10:00 a.m. - 10:30 a.m.	Exhibitors Break	
	POLICY & MANAGEMENT	TECHNOLOGY & PROCESS
Concurrent Sessions: 10:30 p.m. - Noon	Collaborative Approaches to GIS Initiatives – The Power of Partnership	Remote Sensing Uses for Natural Resources Applications
Noon - 1:30 p.m.	Lunch – Presenter to be Announced	
Concurrent Sessions: 1:30 p.m. - 3:00 p.m.	Training and Career Development – The Role of Certification/Accreditation	The IT Infrastructure of GIS: Beyond Location, Location, Location
3:00 p.m. - 3:30 p.m.	Exhibitors Break	
Concurrent Sessions: 3:30 p.m. - 5:00 p.m.	Funding and Budgeting for GIS Initiatives – Finding and Using the \$\$\$\$	Remote Sensing and Applications of LIDAR for GIS
5:00 p.m. - 7:00 p.m.	Vendor's Social and Poster Session Opening	
7:00 p.m. - Close	Pub Crawl	
WEDNESDAY, April 23, 2003		
8:00 a.m.	Exhibit Hall Open	
Concurrent Sessions: 8:30 a.m. - 10:00 a.m.	Cost Recovery and Public Access: Are We Approaching Consensus?	Natural Resources and GIS: Applications and Case Studies
10:00 a.m. - 10:15 a.m.	Exhibitors Break	
Concurrent Sessions: 10:15 a.m. – 11:45	Tax Assessment and GIS: Case Studies and Issues – The ORMAP Collaborative Experience	Public Health and GIS: Applications and Case Studies
11:45 - 1:00 p.m.	Lunch – Presenter to be Announced	
1:30 p.m.	Exhibit Hall Closes	
Concurrent Sessions: 1:00 p.m. – 2:30 p.m.	Data Sharing: Integrating the Public Safety, Natural Resources, Economic Development, and Human Services Communities	Street Centerlines, Addressing, and Geocoding: Applications and Case Studies
2:30 p.m. – Close	Applications Fair	
Pacific Northwest Ballroom	Demonstrations of cool new applications, including a raffle for prizes, hors d'oeuvres and a no-host bar.	
<i>THURSDAY, April 24, 2003</i>		

Mike Renslow Receives Fellow Award at ASPRS 13th Annual Awards Program



(Mike Renslow at left and ASPRS President George Hepner at right.)

This year ASPRS chose to recognize the exceptional contributions of one of Columbia River Region's finest. Mike Renslow, Vice President of Spencer B. Gross, Inc., was awarded Fellow Membership in the ASPRS for his many years of service to ASPRS on a regional and a national level.

ASPRS defines a Fellow in the national bylaws, Section 5. Fellow Member. "A Fellow Member shall be an individual who is an active member of the Society and has performed exceptional service in advancing the science and use of the mapping sciences. Fellow Member status is awarded for professional excellence and for service to the Society. Nominees must have made outstanding contributions in a recognized Society specialization whether in practice, research, development, administration, or education in the mapping sciences. Nominees must be active members of the Society at the time of their nomination and must have been active members for a total of at least ten years."

Mike Renslow's career began in 1967 as a civilian surveyor for the US Air Force for three years. After receiving his BS degree in geography from San Francisco State University in 1971, Mike worked for the U. S. Forest Service in California, as a surveyor and photogrammetrist in various positions of increasing responsibility. In 1982, he left government service and became the general manager of Pacific Aerial Surveys. Mike and his family moved to Oregon in 1989, where he continues to play a prominent role in the aerial photography and digital imaging industry. He held various positions in private practice and, in 1996 he joined Spencer B. Gross, Inc., a photogrammetric mapping firm located in Portland, Oregon, where he currently serves as vice-president.

In recent years Mike has been very active in research and development for applications of lidar mapping technology and has an established reputation for expertise in this field. He has also participated in Lidar research projects with Oregon State University, the University of Oregon, and the University of Washington. He has published several papers on the subject and has presented numerous workshops and technical sessions at local and national conferences throughout the country. Mike has 28 years of active participation in ASPRS. He joined ASP in 1973 and was elected to the Northern California Region Board in 1978 and served as Region president in 1982. The following year he was elected to the ASPRS Board of Directors. In 1987, he was elected to the Executive Committee where his service totals 11 years. He was elected to the Columbia River Region Board in 1990 and served as region president in 1992. He was elected ASPRS vice president in 1997, and served as ASPRS president in 1999-2000. Mike is currently the ASPRS national treasurer, co-chair of the Evaluation for Certification Committee, and an active participant on the Lidar Committee.

Other roles he has played in the society include director of the Professional Practice Division, membership on the International Geographic Information Foundation Board of Trustees, and ASPRS program chair for GIS/LIS '92. He also was active in the following committees: By-laws, Awards and Scholarships, Strategic Planning, Public relations(Chair), Division Directors(Chair), Nominating (Chair), Standards (Chair), Government Affairs, and Professional Conduct. He has received four Presidential Citations, three Outstanding Service Awards, the Merit Award, and the Ford Bartlett Award. He is an ASPRS Certified Photogrammetrist.

(The preceding excerpt was taken from the program for the 2002 13th Annual Awards Program.)

Some Interesting NASA Websites

Our Earth as Art (Landsat-7 images):
<http://landsat.gsfc.nasa.gov/earthasart>

NASA astronaut photography of Earth:
<http://eol.jsc.nasa.gov/sseop/sql.htm>

NASA Earth Observatory:
<http://earthobservatory.nasa.gov>

ASPRS-CRR Annual Meeting and Dinner

As mentioned in Margo Blosser's President's Letter on page 1, the ASPRS-CRR will hold its Annual Meeting and Dinner on Friday, February 21 at McMenemy's Edgefield in the Barley Room, from 6:00 to 10:00 pm. Dinner will be around 7:00 pm. The program will include installation of new officers, "State of the Region Address," a presentation by our guest speaker, and the awarding of door prizes. An announcement with additional information will be sent to ASPRS-CRR members.

ASPRS Building Fund Drive

As mentioned in Tom Pagh's National Director's Report on page 1, at present, there is an opportunity to have your contribution to the Building Fund multiplied by a factor of four. If you send your donation to the ASPRS Building Fund via the Columbia River Region, the Columbia River Region will match your donation. Then when the matched donation reaches ASPRS Headquarters, it will be matched again. Thus, if you were to donate say \$25, this would result in a donation to \$100 to the ASPRS Building Fund.

Donations to the ASPRS Building Fund are deductible as charitable contributions for federal income tax purposes.

Please send your contribution to:

Robert Harmon
ASPRS Columbia River Region
c/o Oregon Water Resources Department
158 12th Street NE
Salem, OR 97301-4172

CALENDAR: 2003 Contributed by Jackie Olson

This is a selected group of events; for more listings and other organizations check the links at:
<http://www.asprs.org/columbiariver/calendar.html>

January 23, 2003: NE Oregon GIS User's Group Quarterly Meeting, ODOT Compound La Grande, OR.
<http://www.oregontrail.net/~akramer/neorgisug.htm#events>

January 27, 2003: WSU-Vancouver Science Seminar
Speaker: Roger del Moral, UW
Twenty-three years later: how the Mount St. Helens experience altered traditional views of primary succession.
http://www.vancouver.wsu.edu/programs/sci/seminar_page.htm

January 31, 2003: Oregon GPS Users Group Meeting
US-BLM Eugene, OR.
http://home.netcom.com/~syab/agenda_01_31_03.htm

February 1, 2003: Geological Society of the Oregon Country
Speaker: Lamont Brock (Rose City Astronomers).
"Mars: A New Perspective."
<http://www.scn.org/nwgs/joust/calendar.htm>

February 8: Geological Society of the Oregon Country
Speaker: Clay Kelleher, "Ancient Lake Chewaucan: Is It the Oregon High Desert's 'Rosetta Stone'?"
<http://www.scn.org/nwgs/joust/calendar.htm>

February 12: Northwest Geological Society:
University of Washington Night (various topics):
<http://www.scn.org/nwgs/joust/calendar.htm>

February 7, 2003: Geological Society of the Oregon Country Noon Meeting: Subject TBA
Portland, OR.
<http://www.gsoc.org/noonsched.html>

February 19-22, 2003: 2003 Conference
Western Federation of Professional Surveyors
Land Surveyors' Association of Washington
Hilton Hotel Seattle, Washington
<http://www.wfps.org/LSAW/conference.htm>

February 21, 2003: ASPRS Columbia River Region Annual Meeting and Dinner, Edgefield McMenemy's, Troutdale, OR. Details to be announced.
<http://www.asprs.org/columbiariver/>

March 2-5, 2003: 26th Annual GITA Conference
Wide Open Spatial Frontiers: Adding Value to Your Business
Henry B. Gonzalez Convention Center
San Antonio, Texas
<http://www.gita.org/events/annual/26/intro.html>

(Calendar continued on next page.)

(Calendar: 2003 continued from previous page.)

March 3-5, 2003: California/Hawaii/Nevada/Guam
ESRI Regional User Group Annual Conference,
Renaissance Ilikai Waikiki Hotel, Honolulu, HI.
<http://www.cahinv.org>

March 4-8, 2003: 99th AAG Annual Meeting,
Hyatt Regency Hotel, New Orleans, LA.
<http://www.aag.org/>

March 5-8, 2003: Annual Meeting, Assoc. of
American Geographers
New Orleans, LA.
<http://www.aag.org/AnnualMeetings/Intro.html>

March 17-19, 2003:
MAPPS Federal Programs Conference
JW Marriott Hotel
Washington, DC.
<http://www.mapps.org/events.asp>

March 27, 2003: 7th Annual NE Oregon GIS
Conference, Pendleton OR
Sponsored by NE Oregon GIS User Group and Oregon
Center for Rural Policy, Research and Services
<http://www2.eou.edu/rsi/gisconference>
Contact: Layne Sylvester at 541-962-3755 or
lsylvester@eou.edu

March 29-April 2: 2003: 2003 ACSM Annual Conference
with APLS and AGIC. Phoenix Civic Plaza,
Phoenix, AZ.
<http://www.acsm.net/acsmconf.html>

March 30, 2003: Portland Area GIS User Group Meeting
TRI-MET building, Portland, OR.
<http://www.orurisa.org/sigda/upcoming.htm>

April 9-11, 2003: 9th Annual California GIS Conference:
"The Evolving State of GIS "
Palm Springs, CA Convention Center
Sponsored by: Southern California URISA Chapter & BAAMA
www.calgis.org

April 21-23, 2003: GIS in Action 2003, DoubleTree
Hotel, Lloyd Center, Portland, OR. Details on page 3 of this
newsletter.

May 3-9, 2003: ASPRS Annual Conference, Technology:
Converging at the top of the world.
William A. Egan Civic and Convention Center,
Anchorage, AK.
<http://www.asprs.org/alaska2003/index.html>

The Calendar will be updated with each issue.
Please send contributions to: rwkiefer@aol.com.

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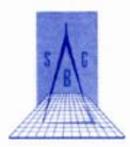
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